

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

A 81
M342C



2001

flowers and foliage plants

→ **Production and Sales, 1972 and 1973;
Intentions for 1974** // [*statistics]

18 p. 1974.

PROCUREMENT SECTION
CURRENT SERIAL RECORDS

APR 23 '74

U.S. DEPT. OF AGRICULTURE
NAT'L AGRIC. LIBRARY
FOSTER

C O N T E N T S

	<u>Page</u>
Text	3
Summary - Value of Sales	6
Carnations, All	7
Carnations, Standard	8
Carnations, Miniature	9
Standard Chrysanthemums	10
Pompon Chrysanthemums	11
Gladioli	12
Roses, All	13
Roses, Hybrid Tea	14
Roses, Miniature or Sweetheart	15
Potted Chrysanthemums	16
Foliage Plants	17
Summary - Average Value Per Unit Area by Production	18
Summary - Producers and Quantity Sold by Size Group	19

DEFINITIONS

The estimates in this report relate to sales by commercial producers. A commercial producer is defined as one who produces and sells \$2,000 or more of cut flowers, nursery products, bulbs, seeds and bedding, vegetable, flowering, and foliage plants in one year. Only commercial producers growing any of the four cut flowers (carnations, chrysanthemums, gladioli, or roses), potted chrysanthemums or foliage plants are included in this report. Value data for cut flowers are on a "gross wholesale" basis and deductions have not been made for selling commissions and transportation costs. Total sales in each State are converted to their equivalent whole-sale value using reported average wholesale prices. Foliage plant sales are on a "net sales" basis and are derived in each State by subtracting the cost of plant materials purchased from other growers from the gross value of sales. Sales times average price does not necessarily equal the published wholesale value, since the published average price is derived from unrounded totals.

This report includes revised estimates for 1972 and preliminary estimates for 1973.

FLOWERS AND FOLIAGE PLANTS

Production and Sales, 1972 and 1973; and Intentions for 1974 in Selected States

Total value at wholesale of four important flower and foliage plants in the 23 major producing States was \$294 million in 1973, 9 percent above the previous year. Sales of cut carnations, gladioli, roses, chrysanthemums, and potted chrysanthemums grown in 23 States in 1973 had a wholesale value of \$228 million, while net sales of foliage plants totaled \$66 million.

California continued as the leading producer of carnations, standard chrysanthemums, potted chrysanthemums, and roses. Florida was the leading producer of pompon chrysanthemums, gladioli, and foliage plants. Based on total wholesale value of the four cut flowers and potted chrysanthemums, California ranks first with \$73 million in sales, followed by Florida with \$28 million, and Colorado with \$20 million. Based on the net wholesale value of sales for foliage plants, Florida leads with \$33 million, followed by California with \$13 million.

Of the 3,810 producers surveyed, three fourths had sales of under \$100,000, 16 percent had sales of \$100,000 to \$250,000 and 9 percent had sales of \$250,000 or more. Additional percentage distributions by size groups are shown in Table 14.

Note: Acres used for production of gladioli and square feet in production for foliage are reported totals used for production. Average gross square feet reported for all carnations, standard chrysanthemums, pompon chrysanthemums, potted chrysanthemums and all roses, is based on average gross area used during the year to produce these crops. For example, if 32,000 sq. ft. of greenhouse space was refilled three times during the year and the same crop grown each time the grower would have reported 32,000 sq. ft. of greenhouse space used to produce this crop. See Table 13 for a detailed listing by crop and State.

POTTED CHRYSANTHEMUMS

Potted chrysanthemum growers plan to reduce 1974 production 5 percent from the previous year, but output at this level would be 3 percent more than in 1972. Six States intend to expand the number of pots in production for 1974 while others intend no change or some decrease from 1973.

The total of 20.6 million pots sold in 1973, 8 percent increase in volume and an increase of 11 percent in value from the previous year. The average wholesale price per pot was \$1.66 compared with \$1.60 a year earlier. California continues to be the leading State in both sales and value.

POMPON CHRYSANTHEMUMS

Growers in the 23 States surveyed indicate a 4 percent decline in the number of pompon plants expected for production in 1974. Florida intentions are down 6 percent from 1973 while California expectations are up 3 percent.

Sales in 1973 in the 23 States were 7 percent more than the previous year and totaled 36 million bunches. California placed first among States in production in 1973 with 13.2 million bunches or 37 percent of the 23 State total. Florida was second with 13.1 million bunches or 36 percent of the total. Of the 36 million bunches sold, 91 percent were sold at wholesale.

STANDARD CHRYSANTHEMUMS

Standard chrysanthemum producers in the 23 States report intentions to produce the same number of plants in 1974 as last year. California growers intend to increase production 5 percent and increases are expected in Delaware, Iowa, North Carolina and Ohio, but in all the other States production intentions are below 1973 output.

In 1973, growers in the 23 major States sold 138 million blooms from 126 million plants. The number of blooms sold was virtually the same as 1972. California was first in sales with 82 million blooms or 60 percent of the total followed by Ohio and North Carolina, each with 7.4 million blooms.

GLADIOLI

Gladioli growers in the 23 States surveyed indicate plans for a 3 percent reduction in acreage for 1974. In Florida, the major State, intentions are down 1 percent from 1973.

In 1973, growers sold 235 million spikes from 11,964 acres, compared with 273 million spikes sold from 10,436 acres a year earlier. Florida with 153 million spikes sold, accounted for 65 percent of the 23 State total. California sales were second with 27 million spikes, followed by New Jersey with 22 million. Wholesale sales made up 99 percent of total sales. The total value at wholesale in 1973 was \$19.5 million for the 23 States, and the average price per spike was 8.3 cents. The wholesale value of sales in 1972 was \$20.3 million with an average price per spike of 7.4 cents.

CARNATIONS

Growers in 1974 plan to increase production of carnation plants 6 percent above 1973. California and Colorado intend to increase output 12 and 5 percent respectively while reductions are expected in all other States.

In 1973, growers in the 23 States sold 738 million blooms from 63 million plants. Number of blooms sold was 6 percent more than the previous year. California producers sold 441 million blooms accounting for 60 percent of the 23 State total. Colorado growers, with 26 percent of the total, were second with sales of 188 million blooms. Pennsylvania growers sold 24 million blooms and Massachusetts growers 21 million blooms, to rank third and fourth, respectively. Total wholesale value of 1973 sales in the 23 States was nearly \$50 million. The average price of 6.7 cent per bloom in 1973 compared with 7.4 cents in the previous year.

Standard carnations accounted for 83 percent of all carnation sales in the 23 States. Total wholesale value of standard types in 1973 amounted to \$46 million. The average price of 7.5 cents per bloom in 1973 compares with the previous year average of 8.2 cents per bloom. Growers in the 23 States plan a 5 percent increase in production for 1974.

Miniature carnations made up 17 percent of total carnations in 1973. Value of sales, at \$3.7 million, was up 2 percent from last year's \$3.6 million. Average price per bunch in 1973 was \$1.11 per bunch compared with \$1.20 per bunch in 1972. Growers report plans to increase production by 13 percent for 1974.

ROSES

Rose growers in 23 States report plans to produce the same number of plants this year as in 1973. California producer intentions are 2 percent below 1973. Among other major States, Pennsylvania growers expect to increase production 5 percent while growers in Illinois anticipate no change but in Massachusetts a reduction of 5 percent is expected.

In 1973, there were 418 million blooms sold in the 23 States. This was 3 percent below total blooms sold in 1973. California growers sold 141 million blooms, 34 percent of the total. Pennsylvania was second with sales of 46 million blooms followed by Illinois and Massachusetts each with 27 million blooms.

The value of rose sales in 1973 was \$62 million, 4 percent more than a year earlier. The average price in 1973 was 14.8 cents per bloom compared with 13.8 cents the previous year.

Grower plans indicate Hybrid tea rose output for 1974 will be the same as in 1973, but a 1 percent increase is expected for miniature or sweetheart rose plants. Hybrid tea roses accounted for 71 percent of all rose sales and 79 percent of the total value of sales of all roses in 1973. The average price for Hybrid tea roses was 16.4 cents per bloom and 10.8 cents per bloom for miniature roses.

FOLIAGE PLANTS

Foliage plant growers intend to expand the area used in production for 1974 to 49.2 million square feet or 8 percent more than the 1973 total. Area in production has increased annually since 1968. If 1974 intentions are realized, the area used will be 64 percent above the 1968 level. In only 1 of the 23 States do growers' plans indicate a reduction in 1974.

Net valuesales in 1973 totaled \$66.1 million - up 37 percent from a year ago. Florida accounted for nearly 51 percent of the 23 State total net value with 78 percent of the square footage in production. California and Texas rank second and third respectively behind Florida as leading foliage plant States.

Table 1. Carnations, Chrysanthemums, Gladioli, Roses, and Foliage Plants:
Gross, wholesale value of sales, 1972 and 1973, in selected States

State	Gross wholesale value of sales 1/ 1,000 dollars																Foliage plants				
	Carnations		Chrysanthemums				Gladioli		Roses		Total (4 flowers)				Total (4 flowers)		Total (4 flowers)		Total (4 flowers)		
			Standard		Pompon																Potted
	1972	1973	1972	1973	1972	1973	1972	1973	1972	1973	1972	1973	1972	1973	1972	1973	1972	1973	1972	1973	
California	25,931	24,922	11,564	13,514	8,987	9,655	5,781	6,163	3,184	3,221	17,523	15,673	72,970	73,148	6,530	12,884					
Colorado	14,921	15,400	76	68	168	155	687	572	*	*	3,150	3,461	19,002	19,656	*	269					
Connecticut	706	608	576	335	613	541	589	722	8	*	*	*	2,492	2,206	362	424					
Delaware	*	*	36	25	31	31	10	*	*	*	3/	3/	77	56	*	*					
Florida	*	*	1,633	1,395	10,593	11,764	2,988	2,901	12,704	12,118	*	*	27,918	28,178	75,693	33,410					
Illinois	413	257	933	772	622	729	1,597	2,158	652	581	3,112	3,682	7,329	8,179	936	1,342					
Indiana	*	*	1,182	1,176	388	444	724	752	157	140	*	*	2,451	2,512	*	210					
Iowa	*	*	149	150	175	245	1,192	1,141	59	*	*	*	1,575	1,536	95	316					
Maryland	124	117	578	583	330	262	576	*	116	144	291	253	2,015	1,359	498	932					
Massachusetts	1,788	1,576	953	892	698	714	764	762	44	49	4,310	4,341	8,557	8,334	865	584					
Michigan	286	130	341	319	440	544	1,283	1,294	417	450	2,571	2,507	5,338	5,244	979	1,621					
Minnesota	114	194	311	238	443	580	821	970	51	45	786	1,195	2,526	3,222	213	387					
Missouri	254	*	853	787	256	556	943	1,468	*	*	486	*	2,792	2,811	468	215					
New Jersey	652	669	685	729	497	716	569	1,131	1,844	1,722	1,308	1,468	5,555	6,435	1,462	1,981					
New York:																					
Upstate	147	140	853	868	952	1,098	764	976	22	20	2,078	2,428	4,816	5,530	847	915					
Long Island	392	302	442	382	384	318	390	411	6	4	1,966	2,278	3,580	3,695	645	640					
North Carolina	*	*	1,731	1,854	959	989	1,714	1,164	809	682	493	525	5,706	5,214	*	*					
Ohio	1,155	832	2,791	2,261	1,185	900	2,383	2,358	47	36	2,359	2,533	9,920	8,920	2,251	2,326					
Oregon	*	*	40	39	110	127	512	578	*	*	*	*	662	744	161	358					
Pennsylvania	2,781	2,516	1,826	1,861	1,322	1,863	1,654	1,750	55	56	7,297	8,136	14,935	16,182	2,873	2,473					
Tennessee	270	189	831	652	26	19	860	980	3/	3/	271	271	1,987	2,111	168	213					
Texas	*	*	289	325	92	77	2,276	3,179	*	*	*	10	2,657	3,591	2,059	3,112					
Washington	*	*	177	141	253	264	853	900	11	17	1,070	1,156	2,364	2,478	406	848					
Wisconsin	133	173	290	234	269	376	738	1,257	*	*	496	581	1,926	2,621	86	601					
Unallocated	1,631	1,611							504	101	229	10,348	11,328	12,080	13,672	831	58				
23 States	51,698	49,636	29,140	29,600	29,793	32,967	30,668	34,091	20,287	19,514	59,644	61,826	221,230	227,634	48,428	66,119					

* Unallocated to avoid disclosure of individual operations.

1/ Equivalent wholesale value of all sales.

2/ Net value of sales.

3/ Production negligible.

Table 2. Carnations. All: Number of producers, plants in production, sales, price, wholesale value, 1972 and 1973, and indicated plants in production, 1974, in selected States

State	Producers		Plants in production		Blossoms sold 1/		Percent of sales at wholesale		Wholesale price		Value of sales at wholesale 2/	
	1972	1973	1972	1973	1972	1973	1972	1973	1972	1973	1972	1973
	Number		1,000 plants	Percent	1,000 blooms	Percent			Cents		1,000 dollars	
California	273	272	34,737	41,320	403,044	112	441,479	100	6.4	5.6	25,931	24,922
Colorado	155	146	13,070	15,533	165,208	105	188,475	100	9.0	8.2	14,921	15,400
Connecticut	48	36	615	338	9,330	59	7,705	86	7.6	7.9	706	608
Delaware	*	*	1,871	*	*	*	*	*	*	*	*	*
Florida	1,871	*	*	*	*	*	*	*	*	*	*	*
Illinois	56	51	536	292	5,325	67	3,461	77	7.8	7.4	413	257
Indiana	51	46	*	*	*	*	*	*	*	*	*	*
Iowa	32	30	*	*	*	*	*	*	*	*	*	*
Maryland	19	14	218	156	1,627	76	1,484	53	7.6	7.9	124	117
Massachusetts	66	59	2,306	1,784	22,646	86	21,167	93	7.9	7.4	1,788	1,576
Michigan	30	20	287	114	2,596	91	1,261	77	11.0	10.3	286	130
Minnesota	30	23	99	98	835	98	1,880	24	13.7	10.3	114	194
Missouri	26	*	506	*	2,708	*	*	72	9.4	*	254	*
New Jersey	73	61	800	751	7,897	94	7,195	84	8.3	9.3	652	669
New York:												
Upstate	77	63	237	161	1,766	96	1,858	42	8.3	7.5	147	140
Long Island:	23	17	452	345	6,582	88	5,140	76	6.0	5.9	392	302
North Carolina:												
Ohio	*	*	*	*	*	*	*	*	*	*	*	*
Oregon	144	108	1,182	751	13,428	88	7,855	72	8.6	10.6	1,155	832
Pennsylvania	8	7	*	*	*	*	*	*	*	*	*	*
Tennessee	177	160	2,800	2,478	26,411	94	23,785	74	10.5	10.6	2,781	2,516
Texas	7	6	295	172	3,551	81	1,885	93	7.6	10.0	270	189
Texas	*	*	*	*	*	*	*	*	*	*	*	*
Washington	13	*	*	*	*	*	*	*	*	*	*	*
Wisconsin	48	44	108	350	1,283	68	2,077	34	10.4	8.3	133	173
Unallocated	28	57	2,037	1,857	21,232	91	21,481	83	7.7	7.5	1,631	1,611
23 States	1,384	1,220	60,285	66,500	695,469	106	738,188	96	7.4	6.7	51,698	49,636

* Unallocated to avoid disclosure of individual operations.

1/ Miniature carnation bunch converted to 37 blooms for combining with standard carnations.

2/ Equivalent wholesale value of all sales.

Table 3. Carnations, Standard: Number of producers, plants in production, sales, price, wholesale value, 1972 and 1973, and indicated plants in production, 1974, in selected States

State	Producers		Plants in production				Blossoms sold		Percent of sales at wholesale		Wholesale price		Value of sales at wholesale 1/			
			1972		1973		1974 as : percent of: 1973		1972		1973		1972		1973	
	Number		1,000 plants		Percent		1,000 blossoms		Percent		Cents		1,000 dollars			
California	270	270	33,502	35,588	39,848	112	348,210	382,020	100	100	7.0	6.2	24,375	23,685		
Colorado	155	146	12,638	14,267	14,774	104	148,447	165,091	99	99	9.6	8.8	14,251	14,528		
Connecticut	42	36	502	465	228	49	4,631	3,857	81	81	11.1	11.0	514	424		
Delaware	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Florida	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Illinois	56	48	502	411	268	65	4,030	2,573	81	75	9.0	8.5	363	219		
Indiana	50	40	364	344	268	78	2,466	2,507	74	78	13.4	13.0	330	326		
Iowa	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Maryland	14	14	212	198	149	75	1,405	1,225	54	48	8.3	8.8	117	108		
Massachusetts	64	58	2,077	1,775	1,421	80	14,580	11,140	94	93	10.5	11.1	1,531	1,237		
Michigan	29	20	286	122	111	91	2,559	1,150	78	56	11.1	10.9	284	125		
Minnesota	28	22	94	88	86	98	724	918	22	52	15.0	17.5	109	161		
Missouri	26	23	466	289	242	84	2,338	1,423	77	83	10.0	10.9	234	155		
New Jersey	70	59	700	715	665	93	5,640	4,679	81	71	10.1	12.1	570	566		
New York, Upstate	74	61	212	148	141	95	1,026	674	45	35	11.4	13.6	117	92		
Long Island	22	17	399	350	298	85	3,659	2,550	70	60	8.4	8.4	307	214		
North Carolina	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Ohio	143	108	1,120	788	681	86	10,579	6,005	79	74	9.7	12.1	1,026	727		
Oregon	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pennsylvania	176	158	2,666	2,522	2,348	93	21,009	20,011	74	81	12.3	11.6	2,584	2,321		
Tennessee	7	6	295	213	172	81	3,551	1,885	93	95	7.6	10.0	270	189		
Texas	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Washington	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Wisconsin	48	43	106	501	342	68	913	1,818	38	80	12.9	8.8	118	160		
Unallocated	83	69	1,127	887	818	92	8,628	6,525	83	84	11.5	11.1	996	727		
23 States	1,357	1,198	57,268	59,871	62,860	105	584,395	616,051	97	97	8.2	7.5	48,096	45,964		
* Unallocated to avoid disclosure of individual operations.																
Crop Reporting Board, SRS																

Table 4. Carnations, Miniature: Number of producers, plants in production, sales, price, wholesale value, 1972 and 1973, and indicated plants in production, 1974, in selected States

State	Producers		Plants in production				Bunches sold		Percent of sales at wholesale		Wholesale price				Value of sales at wholesale 1/	
	1972	1973	1972	1973	Intended 1974	% of 1974 as of 1973	1972	1973	1972	1973	1972	1973	1972	1973	1972	1973
	Number		1,000 plants				1,000 bunches		Percent		Dollars				1,000 dollars	
California	63	58	1,235	1,313	1,472	112	1,482	1,607	100	100	1.05	.77	1.05	.77	1,356	1,237
Colorado	40	37	432	584	759	130	453	632	98	91	1.48	1.38	1.48	1.38	670	872
Connecticut	25	19	113	105	110	105	127	104	93	92	1.51	1.77	1.51	1.77	192	184
Delaware	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Florida	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Illinois	18	14	34	22	24	109	35	24	66	49	1.44	1.57	1.44	1.57	50	38
Indiana	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Iowa	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Maryland	4	3	6	8	7	88	6	7	48	38	1.17	1.25	1.17	1.25	7	9
Massachusetts	27	26	229	302	363	120	218	271	91	83	1.18	1.25	1.18	1.25	257	339
Michigan	4	4	1	3	3	100	1	3	26	43	1.85	1.65	1.85	1.65	2	5
Minnesota	7	4	5	12	12	100	3	26	39	97	1.50	1.28	1.50	1.28	5	33
Missouri	5	*	40	*	*	*	10	*	42	*	2.04	*	2.04	*	20	*
New Jersey	29	21	100	81	86	106	61	68	93	63	1.35	1.51	1.35	1.51	82	103
New York:																
Upstate	22	20	25	20	20	100	20	32	38	31	1.50	1.50	1.50	1.50	30	48
Long Island:	6	6	53	44	47	107	79	70	84	54	1.08	1.26	1.08	1.26	85	88
North Carolina 2/																
Ohio	30	24	62	66	70	106	77	50	46	63	1.68	2.10	1.68	2.10	129	105
Oregon	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pennsylvania	36	34	134	120	130	108	146	102	72	74	1.35	1.91	1.35	1.91	197	195
Tennessee 2/																
Texas 2/																
Washington 2/	9	8	2	10	8	80	10	7	25	10	1.50	1.85	1.50	1.85	15	13
Wisconsin																
Unallocated	21	21	546	518	529	102	274	298	99	97	1.11	1.35	1.11	1.35	305	403
23 States	146	299	3,017	3,208	3,640	113	3,002	3,301	94	92	1.20	1.11	1.20	1.11	3,602	3,672

* Unallocated to avoid disclosure of individual operations.

1/ Equivalent wholesale value for all sales.

2/ Production negligible.

Table 5. Standard Chrysanthemums: Number of producers, plants in production, sales, price, wholesale value, 1972 and 1973, and indicated plants in production, 1974, in selected States

State	Producers		Plants in production				Blooms sold		Percent of sales at wholesale		Wholesale price		Value of sales at wholesale 1/	
	1972	1973	1972	1973	Intended: 1974 as percent of 1973	1974	1972	1973	1972	1973	1972	1973	1972	1973
	Number		1,000 plants				1,000 blooms		Percent		Cents		1,000 dollars	
California	187	192	66,261	76,045	79,786	105	75,093	82,404	100	100	15.4	16.4	11,564	13,514
Colorado	18	16	222	140	101	72	203	245	67	64	26.0	27.7	76	68
Connecticut	63	60	1,487	901	869	96	1,739	1,083	80	71	33.1	30.9	576	335
Delaware	6	5	115	76	77	101	120	81	--	--	30.0	30.9	36	25
Florida	26	20	7,412	6,323	5,322	84	7,390	5,073	100	100	22.1	27.5	1,633	1,395
Illinois	97	91	2,538	2,520	2,431	96	2,577	2,412	82	80	36.2	32.0	933	772
Indiana	100	94	3,477	3,107	2,501	80	3,447	3,096	84	82	34.3	38.0	1,182	1,176
Iowa	60	54	537	453	475	105	596	478	71	70	25.0	31.4	149	150
Maryland	38	36	1,722	1,724	1,618	94	1,928	1,888	80	82	30.0	30.9	578	583
Massachusetts	100	88	3,483	2,945	2,884	98	3,477	2,983	91	81	27.4	29.9	953	892
Michigan	70	61	1,028	834	784	94	1,065	877	82	70	32.0	36.4	341	319
Minnesota	74	68	670	581	570	98	743	627	50	62	41.8	38.0	311	238
Missouri	54	58	2,652	2,912	2,119	73	2,982	3,051	56	60	28.6	25.8	853	787
New Jersey	114	102	1,499	1,709	1,663	97	2,069	2,307	80	65	33.1	31.6	685	729
New York:														
Upstate	161	141	2,358	2,312	2,142	93	2,752	2,560	70	63	31.0	33.9	853	868
Long Island	46	43	1,152	900	864	96	1,920	1,540	76	72	23.0	24.8	442	382
North Carolina	47	44	4,770	4,197	4,265	102	7,590	7,357	92	91	22.8	25.2	1,731	1,854
Ohio	257	221	8,465	7,270	7,410	102	8,776	7,436	73	80	31.8	30.4	2,791	2,261
Oregon	12	11	119	119	117	98	134	132	90	83	30.1	29.5	40	39
Pennsylvania	247	224	6,109	6,405	5,571	87	6,812	6,767	62	75	26.8	27.5	1,826	1,861
Tennessee	30	25	2,057	2,100	1,766	84	2,690	2,617	88	83	30.9	24.9	831	652
Texas	18	17	1,390	1,386	1,237	89	1,244	1,330	99	97	23.2	24.4	289	325
Washington	44	40	464	369	264	72	659	510	85	76	26.8	27.6	177	141
Wisconsin	86	84	795	670	582	87	1,048	804	58	68	27.7	29.1	290	234
23 States	1,955	1,795	120,782	125,998	125,418	100	137,144	137,658	91	92	21.2	21.5	29,140	29,600

1/ Equivalent wholesale value of all sales.

Table 6. Pompon Chrysanthemums: Number of producers, plants in production, sales, price, wholesale value, 1972 and 1973, and indicated plants in production, 1974, in selected States

State	Producers		Plants in production				Bunches sold		Percent of sales at		Wholesale price		Value of sales at wholesale 1/	
	1972	1973	1972	1973	Intended: 1974 as percent of 1973	Percent	1972	1973	1972	1973	1972	1973	1972	1973
	Number		1,000 plants				1,000 bunches		Percent		Dollars		1,000 dollars	
California	210	218	37,363	42,997	44,373	103	11,083	13,226	100	100	.75	.73	8,087	9,655
Colorado	17	15	421	361	408	113	168	112	80	67	1.00	1.38	168	155
Connecticut	71	67	1,514	1,445	774	54	444	389	66	68	1.38	1.39	613	541
Delaware	6	4	66	56	57	102	25	23	--	--	1.25	1.33	31	31
Florida	42	41	64,285	72,462	67,764	94	12,462	13,071	100	100	.85	.90	10,593	11,764
Illinois	94	88	1,654	1,574	1,604	102	587	613	68	45	1.06	1.19	622	729
Indiana	85	77	833	884	881	100	283	347	69	58	1.37	1.28	388	444
Iowa	64	62	345	459	525	114	116	140	39	47	1.51	1.75	175	245
Maryland	35	31	734	599	531	89	266	197	71	64	1.24	1.33	330	262
Massachusetts	132	115	1,929	1,385	1,277	92	577	558	69	55	1.21	1.28	698	714
Michigan	76	65	851	952	859	90	376	544	56	50	1.17	1.00	440	544
Minnesota	74	74	813	990	952	96	426	487	58	80	1.04	1.19	443	580
Missouri	37	40	673	709	612	86	203	294	57	79	1.26	1.89	256	556
New Jersey	109	104	1,232	1,502	1,452	97	425	559	77	46	1.17	1.28	497	716
New York:														
Upstate	162	139	1,761	1,453	1,236	85	675	757	46	49	1.41	1.45	952	1,098
Long Island	46	46	961	705	624	89	346	284	74	70	1.11	1.12	382	318
North Carolina:														
Ohio	31	30	3,381	3,248	3,061	94	864	916	95	98	1.11	1.08	959	989
Oregon	234	211	2,888	2,274	1,923	85	1,129	738	67	65	1.05	1.22	1,185	900
Pennsylvania	13	13	326	423	421	100	83	90	94	88	1.32	1.41	110	127
Tennessee	211	200	5,199	5,404	5,285	98	1,673	2,166	78	77	.79	.86	1,322	1,863
Texas	12	9	44	61	58	95	20	19	69	87	1.29	1.02	26	19
Texas	5	5	468	330	336	102	124	79	100	82	.74	.97	92	77
Washington	50	48	743	784	732	93	190	190	86	81	1.33	1.39	253	264
Wisconsin	96	94	750	1,031	1,047	102	204	330	40	54	1.32	1.14	269	376
23 States	1,912	1,796	129,234	142,088	136,792	96	33,649	36,129	92	91	.89	.91	29,793	32,967

1/ Equivalent wholesale value for all sales.

Table 7. Gladioli: Number of producers, acres in production, sales, price, wholesale value, 1972 and 1973, and indicated acres in production, 1974, in selected States

State	Producers		Acres in production			Spikes sold		Percent of sales at wholesale		Wholesale price		Value of sales at wholesale 1/	
	1972	1973	1972	Intended		1972	1973	1972	1973	1972	1973	1972	1973
				1973	1974								
	Number		Acres		Percent	1,000 spikes		Percent		Cents		1,000 dollars	
California	14	11	886	907	917	30,916	27,070	101	100	10.3	11.9	3,184	3,221
Colorado	*	*	*	*	*	*	*	*	*	*	*	*	*
Connecticut	4	*	17	*	*	77	*	*	86	*	11.0	*	8
Delaware	*	*	*	*	*	*	*	*	*	*	*	*	*
Florida	19	18	6,682	8,419	8,319	181,491	153,392	99	100	7.0	7.9	12,704	12,118
Illinois	28	26	911	873	719	10,860	9,683	82	85	6.0	6.0	652	581
Indiana	10	9	93	82	65	1,749	1,403	79	88	9.0	10.0	157	140
Florida	7	*	43	*	*	495	*	*	94	*	12.0	*	59
Maryland	6	7	44	47	46	1,450	1,604	98	91	8.0	9.0	116	144
Massachusetts	13	14	41	43	44	443	442	102	90	10.0	11.0	44	49
Michigan	18	14	341	290	277	5,953	6,435	96	99	7.0	7.0	417	450
Minnesota	10	10	81	71	62	659	376	87	71	7.7	12.0	51	45
Missouri	*	*	*	*	*	*	*	*	*	*	*	*	*
New Jersey	29	31	831	775	758	23,050	21,525	98	99	8.0	8.0	1,844	1,722
New York:	25	23	18	18	17	185	183	94	37	12.0	11.0	22	20
Upstate	5	3	3	3	2	56	40	67	42	10.0	10.0	6	4
Long Island													
North Carolina:	12	12	256	250	217	13,485	9,738	87	96	6.0	7.0	809	682
Ohio	13	15	52	20	24	672	231	120	88	7.0	15.4	47	36
Oregon	*	*	*	*	*	*	*	*	*	*	*	*	*
Pennsylvania	28	25	23	20	22	607	513	110	73	9.0	11.0	55	56
Tennessee 2/													
Texas	*	*	*	*	*	*	*	*	*	*	*	*	*
Washington	9	12	50	33	24	92	154	73	90	12.0	11.0	11	17
Wisconsin	*	*	*	*	*	*	*	*	*	*	*	*	*
Unallocated	21	39	64	113	110	1,004	1,979	97	90	10.1	11.6	101	229
23 States	271	269	10,436	11,964	11,623	244	234,768	97,273	99	7.4	8.3	20,287	19,514

* Unallocated to avoid disclosure of individual operations.

1/ Equivalent wholesale value for all sales.

2/ Production negligible.

Table 8. Roses, All: Number of producers, plants in production, sales, price, wholesale value, 1972 and 1973, and indicated plants in production, 1974, in selected States

State	Producers		Plants in production				Blossoms sold		Percent of sales at wholesale		Wholesale price		Value of sales	
	1972	1973	1972	1973	Intended:	1974 as:	1972	1973	1972	1973	1972	1973	1972	1973
	Number		1,000 plants		Percent		1,000 blossoms		Percent		Cents		1,000 dollars	
California	65	56	6,902	6,069	5,974	98	170,919	141,496	100	100	10.3	11.1	17,523	15,673
Colorado	17	15	774	818	909	111	24,381	26,276	98	99	12.9	13.2	3,150	3,461
Connecticut	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Delaware	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Florida	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Illinois	19	20	1,096	1,471	1,467	100	19,976	26,760	96	99	15.6	13.8	3,112	3,682
Indiana	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Iowa	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Maryland	6	6	75	76	76	100	1,979	1,647	92	94	14.7	15.4	291	253
Massachusetts	11	11	1,118	1,135	1,079	95	26,576	26,796	99	99	16.2	16.2	4,310	4,341
Michigan	19	18	628	603	634	105	12,807	12,014	94	95	20.1	20.9	2,571	2,507
Minnesota	14	18	312	350	364	104	5,628	7,699	83	96	14.0	15.5	786	1,195
Missouri	6	*	124	*	*	*	2,696	*	98	*	18.0	*	486	*
New Jersey	13	13	374	372	372	100	8,122	8,526	99	97	16.1	17.2	1,308	1,468
New York:														
Upstate	15	14	633	645	625	97	12,323	14,151	100	100	16.9	17.2	2,078	2,428
Long Island	10	8	521	569	570	100	13,223	12,921	98	73	14.9	17.6	1,966	2,278
North Carolina	11	10	120	121	136	112	2,886	3,087	85	82	17.1	17.0	493	525
Ohio	19	17	643	730	709	97	12,101	12,445	97	97	19.5	20.4	2,359	2,533
Oregon	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pennsylvania	34	32	1,914	1,929	2,034	105	44,937	45,573	98	97	16.2	17.9	7,297	8,136
Tennessee	*	5	*	84	90	107	*	1,682	*	94	*	16.1	*	271
Texas	*	7	*	51	55	108	*	195	*	78	*	5.0	*	10
Washington	6	6	362	385	485	126	8,138	7,961	99	100	13.1	14.5	1,070	1,156
Wisconsin	14	15	130	132	131	99	2,603	2,652	94	96	19.1	21.9	496	581
Unallocated	47	44	2,704	2,693	2,514	93	62,308	65,887	94	92	16.6	17.2	10,348	11,328
23 States	326	315	18,430	18,233	18,224	100	431,603	417,768	98	97	13.8	14.8	59,644	51,826

* Unallocated to avoid disclosure of individual operations.

1/ Equivalent wholesale value for all sales.

2/ Production negligible.

Table 9. Roses, Hybrid Tea: Number of producers, plants in production, sales, price, wholesale value, 1972 and 1973, and indicated plants in production, 1974, in selected States

State	Producers		Plants in production				Blooms sold			Percent of sales			Wholesale price			Value of sales				
										at			at							
	1972	1973	1972	1973	Intended : 1974 as : percent	1972	1973	1972	1973	1972	1973	1972	1973	1972	1973	1972	1973			
Number			1,000 plants			Percent			1,000 blooms			Percent			Cents			1,000 dollars		
California	65	61	5,907	5,208	5,085	98	133,262	108,823	100	100	11.2	12.0	14,925	13,059						
Colorado	17	15	614	660	729	110	16,377	17,972	98	99	14.3	15.1	2,342	2,714						
Connecticut	*	*	*	*	*	*	*	*	*	*	*	*	*	*						
Delaware 2/																				
Florida	*	*	*	*	*	*	*	*	*	*	*	*	*	*						
Illinois	19	20	906	1,266	1,266	100	14,741	20,730	96	99	17.8	15.2	2,620	3,151						
Indiana	*	*	*	*	*	*	*	*	*	*	*	*	*	*						
Iowa	*	*	*	*	*	*	*	*	*	*	*	*	*	*						
Maryland	6	6	58	62	62	100	1,433	1,215	89	92	15.9	16.4	228	199						
Massachusetts	11	11	814	819	785	96	17,144	17,161	99	99	18.7	18.9	3,206	3,243						
Michigan	19	18	502	487	505	104	9,033	8,550	94	96	22.7	23.9	2,050	2,043						
Minnesota	14	17	220	265	275	104	3,609	5,058	84	96	16.4	17.3	592	875						
Missouri	5	6	100	97	116	120	2,091	2,019	98	69	19.7	18.1	412	365						
New Jersey	12	12	291	285	284	100	5,846	5,958	98	98	18.2	19.5	1,064	1,162						
New York:																				
Upstate	14	13	507	516	503	97	8,271	9,225	100	100	18.9	19.7	1,563	1,817						
Long Island	6	7	391	484	485	100	8,599	10,177	98	75	17.7	18.8	1,522	1,913						
North Carolina	11	10	99	91	83	91	2,096	2,280	84	82	20.3	18.5	425	422						
Ohio	19	17	559	604	599	99	9,593	9,497	97	98	20.9	21.7	2,005	2,061						
Oregon	*	*	*	*	*	*	*	*	*	*	*	*	*	*						
Pennsylvania	34	32	1,541	1,490	1,524	102	31,251	30,876	97	98	18.4	20.4	5,750	6,299						
Tennessee	6	5	222	84	90	107	2,078	1,682	91	94	17.0	16.1	353	271						
Texas	*	7	*	51	55	108	*	195	*	78	*	5.0	*	*						
Washington	6	6	270	288	368	128	5,830	4,954	99	100	13.6	16.1	793	798						
Wisconsin	14	15	100	103	102	99	1,769	1,740	93	94	21.8	25.5	386	444						
Unallocated	39	38	1,821	1,932	1,819	94	36,573	39,243	94	91	19.7	20.4	7,203	8,020						
23 States	317	316	14,922	14,792	14,735	100	309,596	297,355	98	97	15.3	16.4	47,439	48,866						

* Unallocated to avoid disclosing individual operations.

1/ Equivalent wholesale value for all sales.

1/ Equivalent Wholesale Value
2/ Production-negligible.

Table 10. Roses, Miniature or Sweetheart: Number of producers, plants in production, sales, price, wholesale value, 1972 and 1973, and indicated plants in production, 1974, in selected States

State	Producers		Plants in production			Blooms sold		Percent of sales at		Wholesale price:		Value of sales at		
	1972	1973	1972	1973	Intended: 1974 as percent of 1973	1972	1973	1972	1973	1972	1973	1972	1973	
	Number		1,000 plants		Percent	1,000 blossoms		Percent		Cents		1,000 dollars		
California	49	50	995	861	889	103	37,657	32,673	100	100	6.9	8.0	2,598	2,614
Colorado	13	13	160	158	180	114	8,004	8,304	99	99	10.1	9.0	808	747
Connecticut	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Delaware 2/	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Florida	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Illinois	13	12	190	205	201	98	5,235	6,030	96	99	9.4	8.8	492	531
Indiana	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Iowa	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Maryland	4	4	17	14	14	100	546	432	99	99	11.5	12.6	63	54
Massachusetts	8	8	304	316	294	93	9,432	9,635	99	100	11.7	11.4	1,104	1,098
Michigan	14	12	126	116	129	111	3,774	3,464	93	93	13.8	13.4	521	464
Minnesota	13	14	92	85	89	105	2,019	2,641	81	97	9.6	12.1	194	320
Missouri	4	*	24	*	*	*	605	*	99	*	12.3	*	74	*
New Jersey	9	10	83	87	88	101	2,276	2,568	100	94	10.7	11.9	244	306
New York:														
Upstate	12	13	126	129	122	95	4,052	4,926	100	100	12.7	12.4	515	611
Long Island:	8	7	130	85	85	100	4,624	2,744	98	65	9.6	13.3	444	365
North Carolina	5	7	21	30	53	177	790	807	88	83	8.6	12.8	68	103
Ohio	12	13	84	126	110	87	2,508	2,948	98	95	14.1	16.0	354	472
Oregon	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pennsylvania	26	28	373	439	510	116	13,686	14,697	99	94	11.3	12.5	1,547	1,837
Tennessee	*	2/	*	2/	2/	2/	*	2/	*	2/	*	2/	*	2/
Texas 2/														
Washington	6	6	92	97	117	121	2,308	3,007	98	100	12.0	11.9	277	358
Wisconsin	8	10	30	29	29	100	834	912	96	99	13.2	15.0	110	137
Unallocated	33	32	661	664	579	87	23,657	24,625	95	96	11.8	12.0	2,792	2,943
23 States	237	239	3,508	3,441	3,489	101	122,007	120,413	98	97	10.0	10.8	12,205	12,960

* Unallocated to avoid disclosure of individual operations.
1/ Equivalent wholesale value for all sales.
2/ Production negligible.

Table 11. Potted Chrysanthemums: Number of producers, plants in production, sales, price, wholesale value, 1972 and 1973, and indicated pots in production, 1974, in selected States

State	Producers		Pots in production		Pots sold		Percent of sales at		Wholesale price		Value of sales at wholesale 1/	
	1972	1973	1972	1973	1972	1973	1972	1973	1972	1973	1972	1973
	Number		1,000 pots		1,000 pots		Percent		Dollars		1,000 dollars	
California	24	26	4,326	4,781	4,880	102	100	100	1.36	1.33	5,781	6,163
Colorado	28	26	426	336	219	65	92	91	1.71	1.81	687	572
Connecticut	35	30	275	311	296	95	95	95	2.15	2.33	589	722
Delaware	3	*	6	*	*	*	83	*	1.70	*	10	*
Florida	12	12	2,467	2,162	2,008	93	100	100	1.25	1.40	2,988	2,901
Illinois	66	62	695	1,100	1,100	100	65	95	1.95	1.98	1,597	2,158
Indiana	44	44	358	366	379	104	91	91	2.08	2.16	724	752
Iowa	51	45	677	630	640	102	93	93	1.80	1.88	1,192	1,141
Maryland	26	*	263	*	*	*	94	*	2.20	*	576	*
Massachusetts	61	59	383	419	369	88	88	83	2.07	1.84	764	762
Michigan	88	77	768	785	763	97	88	77	1.72	1.67	1,283	1,294
Minnesota	59	58	492	502	482	96	79	86	1.69	1.96	821	970
Missouri	33	40	709	884	841	95	77	59	1.48	1.67	943	1,468
New Jersey	76	74	364	595	591	99	94	97	1.58	1.91	569	1,131
New York:												
Upstate	137	129	425	504	503	100	79	61	1.81	2.00	764	976
Long Island	31	27	207	187	211	113	88	88	1.90	2.22	390	411
North Carolina	24	23	926	659	724	110	98	98	2.00	1.89	1,714	1,164
Ohio	205	171	1,669	1,591	1,473	93	88	87	1.41	1.50	2,383	2,358
Oregon	11	12	358	351	366	104	100	96	1.52	1.69	512	578
Pennsylvania	177	161	870	1,154	816	71	78	76	1.86	1.78	1,654	1,750
Tennessee	26	27	479	531	519	98	96	95	1.99	1.98	860	980
Texas	32	37	1,380	1,947	1,593	82	89	85	1.71	1.66	2,276	3,179
Washington	31	31	514	516	509	99	92	93	1.70	1.79	853	900
Wisconsin	79	87	583	754	738	98	83	85	1.59	1.69	738	1,257
Unallocated		27		227	219	96		95	2.29		504	
23 States	1,359	1,285	19,620	21,292	20,239	95	91	90	1.60	1.66	30,668	34,091

* Unallocated to avoid disclosure of individual operations.

1/ Equivalent wholesale value of all sales.

Table 12. Foliage Plants for Indoor or Patio Use: Number of producers, square feet in production, net value of sales, 1972 and 1973, and indicated area in production, 1974, in selected States

State	Producers		Square feet in production			Intended		1974 as		Net value		Percent of sales	
	1972	1973	1972	1973	1974	1974	1974	percent	of 1973	1972	1973	1972	1973
	Number		1,000 sq. ft.			Percent		Percent		1,000 dollars		Percent	
California	69	78	2,387	3,961	4,580	116	116	116	116	6,530	12,884	86	83
Colorado	*	14	*	48	73	152	152	152	152	*	269	*	96
Connecticut	22	27	123	131	184	149	149	149	149	362	424	80	46
Delaware	*	*	*	*	*	*	*	*	*	*	*	*	*
Florida	117	113	30,956	35,665	38,287	107	107	107	107	25,693	33,410	100	100
Illinois	46	68	237	324	317	98	98	98	98	396	1,342	87	66
Indiana	*	29	*	33	39	118	118	118	118	*	210	*	72
Iowa	24	33	30	60	74	123	123	123	123	95	316	57	68
Maryland	13	17	90	107	135	126	126	126	126	498	932	81	80
Massachusetts	46	35	246	175	177	101	101	101	101	865	584	95	89
Michigan	30	38	223	322	294	91	91	91	91	979	1,621	78	81
Minnesota	34	39	84	79	88	111	111	111	111	213	387	58	62
Missouri	20	29	207	204	227	111	111	111	111	468	215	71	71
New Jersey	51	64	461	525	531	101	101	101	101	1,462	1,981	96	88
New York:													
Upstate	64	80	307	215	244	113	113	113	113	847	915	83	70
Long Island	20	23	221	181	192	106	106	106	106	645	640	95	85
North Carolina	*	*	*	*	*	*	*	*	*	*	*	*	*
Ohio	87	36	453	575	458	80	80	80	80	2,251	2,326	92	86
Oregon	8	11	72	104	108	104	104	104	104	161	358	100	99
Pennsylvania	61	77	528	618	647	105	105	105	105	2,873	2,473	81	91
Tennessee	17	13	43	49	63	129	129	129	129	168	213	94	90
Texas	64	87	1,667	1,646	1,883	114	114	114	114	2,059	3,112	100	90
Washington	33	31	172	296	333	113	113	113	113	406	848	71	81
Wisconsin	27	46	45	111	197	177	177	177	177	86	601	66	89
Unallocated	46	10	147	18	19	106	106	106	106	831	58	92	76
23 States	899	1,048	38,699	45,447	49,150	108	108	108	108	48,428	66,119	94	92

* Unallocated to avoid disclosing individual operations.

1/ Gross value of sales less cost of plant material purchased from other growers for growing on.

Table 13. Reported total average area used for production and derived average value per unit: Carnations, Chrysanthemums, Gladioli, Roses, and Foliage plants

State	Carnations l/				Chrys. standard l/				Chrys. pompon l/				Chrys. potted l/				Gladioli l/				Roses l/				Foliage plants 2/			
	Total av.:	area	used for	produc-	Total av.:	area	used for	produc-	Total av.:	area	used for	produc-	Total av.:	area	used for	produc-	Total av.:	area	used for	produc-	Total av.:	area	used for	produc-	Total av.:	area	used for	produc-
	sq. ft.	val.	per	sq.	sq. ft.	val.	per	sq.	sq. ft.	val.	per	sq.	sq. ft.	val.	per	sq.	sq. ft.	val.	per	sq.	sq. ft.	val.	per	sq.	sq. ft.	val.	per	sq.
California	22,650	1.10	14,890	.91	14,557	.66	2,670	2.31	3,550	9,493	1.47	3,961	3.25															
Colorado	5,308	2.90	51	1.33	83	1.87	150	3.81	*	951	3.64	48	5.60															
Connecticut	237	2.57	309	1.08	372	1.45	200	3.61	*	*	*	131	3.24															
Delaware	*	*	12	2.08	19	1.63	*	*	*	3/	3/	*	*															
Florida	*	*	3,253	.43	30,709	.38	3,827	.76	1,440	8,419	.94	35,665	.94															
Illinois	187	1.37	522	1.48	408	1.79	573	3.77	670	2,105	1.75	324	4.14															
Indiana	*	*	688	1.71	307	1.45	170	4.42	1,710	*	*	33	6.36															
Iowa	*	*	112	1.34	111	2.21	330	3.46	*	*	*	60	5.27															
Maryland	97	1.21	372	1.57	223	1.17	*	*	3,060	114	2.22	107	8.71															
Massachusetts	780	2.02	516	1.73	610	1.17	323	2.36	1,140	1,620	2.68	175	3.34															
Michigan	72	1.81	343	.93	403	1.35	689	1.88	1,550	789	3.18	322	5.03															
Minnesota	58	3.34	189	1.26	412	1.41	381	2.55	630	500	2.39	79	4.90															
Missouri	*	*	573	1.37	208	2.67	492	2.98	*	136	2.68	204	1.05															
New Jersey	342	1.96	594	1.23	517	1.38	385	2.94	2,220	454	3.23	525	3.77															
New York:	73	1.92	550	1.58	544	2.02	569	1.72	1,110	783	3.10	215	4.26															
Upstate	245	1.23	285	1.34	261	1.22	104	3.95	1,330	720	3.16	181	3.54															
Long Island																												
North Carolina	*	*	700	2.65	1,497	.66	682	1.71	2,730	173	3.03	*	*															
Ohio	426	1.95	1,657	1.36	807	1.12	1,035	2.28	1,800	797	3.18	575	4.05															
Oregon	*	*	64	.61	96	1.32	153	3.78	*	*	*	104	3.44															
Pennsylvania	1,105	2.28	1,274	1.46	2,286	.81	536	3.26	2,800	2,087	3.90	618	4.00															
Tennessee	123	1.54	375	1.74	37	.51	223	4.39	3/	127	2.13	49	4.35															
Texas	*	*	279	1.16	57	1.35	1,334	2.38	*	*	*	1,646	1.89															
Washington	*	*	161	.88	304	.87	451	2.00	520	628	1.84	296	2.86															
Wisconsin	95	1.82	168	1.39	263	1.43	306	4.11	1,640	194	2.99	111	5.41															
Unallocated	1,050	1.53					164	3.07	2,140	4,924	2.23	18	3.22															
23 States	32,848	1.51	27,937	1.06	55,091	.60	15,747	2.16	11,964	1,630	2.32	45,447	1.45															

* Unallocated to avoid disclosure of individual operations.

1/ Equivalent wholesale value for all sales.

2/ Net value of sales.

3/ Product negligible.



UNITED STATES DEPARTMENT OF AGRICULTURE
WASHINGTON, D. C. 20250

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE, \$300

POSTAGE AND FEES PAID
U.S. DEPARTMENT OF
AGRICULTURE



AGR 101

FIRST-CLASS MAIL

QKA 55 000 0098043- -RLSE
NATIONAL AGRI LIBRARY -
PROCUREMENT SECTION/ORDER
1-
BELTSVILLE MD 20705